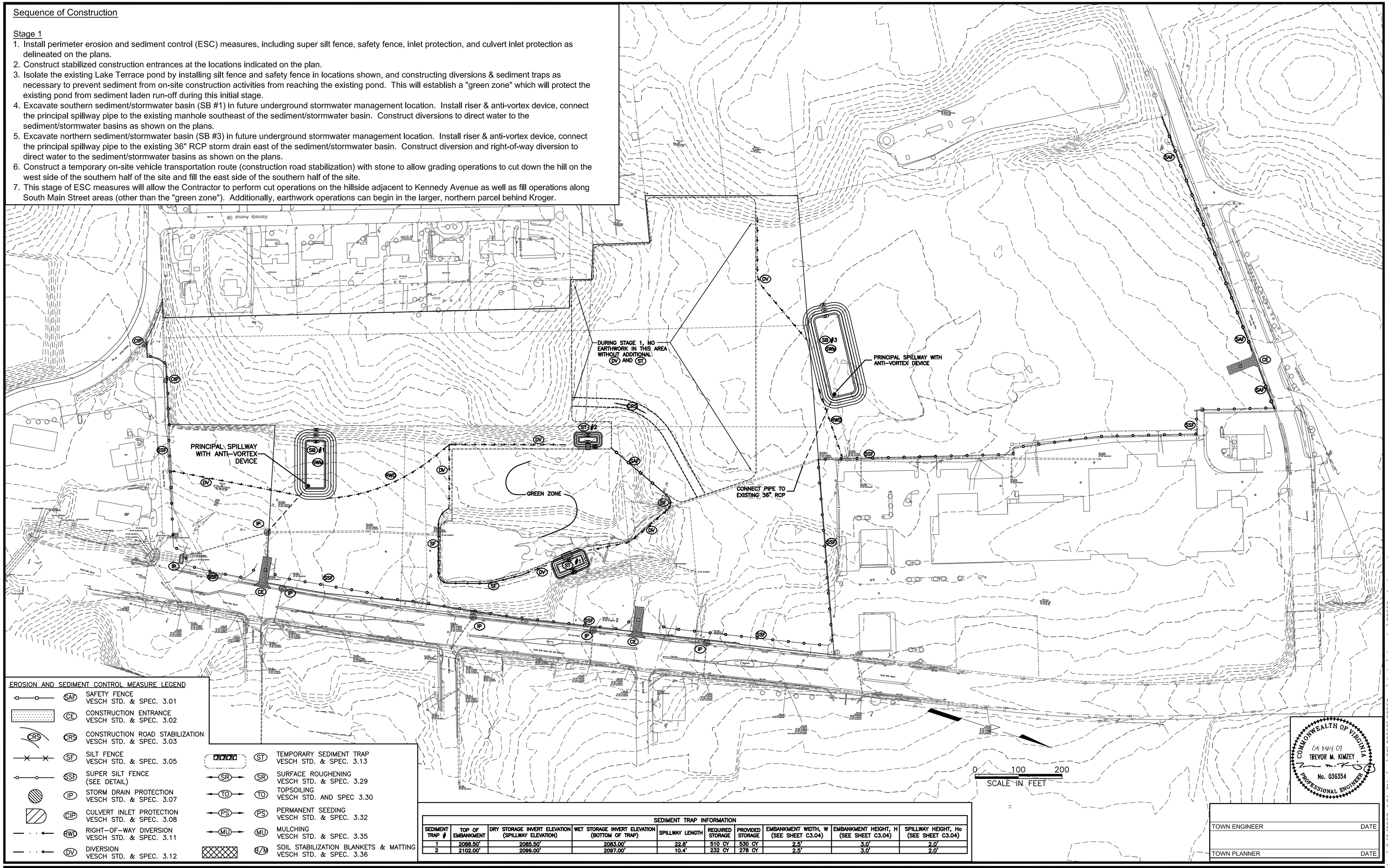
Sequence of Construction

Stage 1

1. Install perimeter erosion and sediment control (ESC) measures, including super silt fence, safety fence, inlet protection, and culvert inlet protection as delineated on the plans.
2. Construct stabilized construction entrances at the locations indicated on the plan.
3. Isolate the existing Lake Terrace pond by installing silt fence and safety fence in locations shown, and constructing diversions & sediment traps as necessary to prevent sediment from on-site construction activities from reaching the existing pond. This will establish a "green zone" which will protect the existing pond from sediment laden run-off during this initial stage.
4. Excavate southern sediment/stormwater basin (SB #1) in future underground stormwater management location. Install riser & anti-vortex device, connect the principal spillway pipe to the existing manhole southeast of the sediment/stormwater basin. Construct diversions to direct water to the sediment/stormwater basins as shown on the plans.
5. Excavate northern sediment/stormwater basin (SB #3) in future underground stormwater management location. Install riser & anti-vortex device, connect the principal spillway pipe to the existing 36" RCP storm drain east of the sediment/stormwater basin. Construct diversion and right-of-way diversion to direct water to the sediment/stormwater basins as shown on the plans.
6. Construct a temporary on-site vehicle transportation route (construction road stabilization) with stone to allow grading operations to cut down the hill on the west side of the southern half of the site and fill the east side of the southern half of the site.
7. This stage of ESC measures will allow the Contractor to perform cut operations on the hillside adjacent to Kennedy Avenue as well as fill operations along South Main Street areas (other than the "green zone"). Additionally, earthwork operations can begin in the larger, northern parcel behind Kroger.



EROSION AND SEDIMENT CONTROL MEASURE LEGEND

SAP	SAFETY FENCE VESCH STD. & SPEC. 3.01	ST	TEMPORARY SEDIMENT TRAP VESCH STD. & SPEC. 3.13
CE	CONSTRUCTION ENTRANCE VESCH STD. & SPEC. 3.02	SR	SURFACE ROUGHENING VESCH STD. & SPEC. 3.29
CRS	CONSTRUCTION ROAD STABILIZATION VESCH STD. & SPEC. 3.03	TO	TOPSOILING VESCH STD. AND SPEC 3.30
SF	SILT FENCE VESCH STD. & SPEC. 3.05	PS	PERMANENT SEEDING VESCH STD. & SPEC. 3.32
SSF	SUPER SILT FENCE (SEE DETAIL)	MU	MULCHING VESCH STD. & SPEC. 3.35
IP	STORM DRAIN PROTECTION VESCH STD. & SPEC. 3.07	B/M	SOIL STABILIZATION BLANKETS & MATTING VESCH STD. & SPEC. 3.36
CIP	CULVERT INLET PROTECTION VESCH STD. & SPEC. 3.08		
RWD	RIGHT-OF-WAY DIVERSION VESCH STD. & SPEC. 3.11		
DV	DIVERSION VESCH STD. & SPEC. 3.12		

SEDIMENT TRAP INFORMATION

SEDIMENT TRAP #	TOP OF EMBANKMENT	DRY STORAGE INVERT ELEVATION (SPILLWAY ELEVATION)	WET STORAGE INVERT ELEVATION (BOTTOM OF TRAP)	SPILLWAY LENGTH	REQUIRED STORAGE	PROVIDED STORAGE	EMBANKMENT WIDTH, W (SEE SHEET C3.04)	EMBANKMENT HEIGHT, H (SEE SHEET C3.04)	SPILLWAY HEIGHT, Ho (SEE SHEET C3.04)
1	2088.50'	2085.50'	2083.00'	22.8'	510 CY	530 CY	2.5'	3.0'	2.0'
2	2102.00'	2099.00'	2097.00'	10.4'	232 CY	278 CY	2.5'	3.0'	2.0'

COMMONWEALTH OF VIRGINIA
04 MAY 07
TREVOR M. KIMZEY
No. 036354
PROFESSIONAL ENGINEER

TOWN ENGINEER	DATE
TOWN PLANNER	DATE

ANDERSON & ASSOCIATES, INC.
Professional Design Services
www.andassoc.com
Virginia - North Carolina - Tennessee
100 Ardmore St.
Blacksburg, Va. 24060
540-552-5592

DATE : 04 MAY 07
DESIGNED: RJH, LBL
DRAWN : MSM, LBL
CHECKED : TMK
QA / QC : MTC

REV. #	COMMENTS	DATE
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FIRST & MAIN
PHASE 1
BLACKSBURG, VIRGINIA

EROSION & SEDIMENT CONTROL PLAN
STAGE 1

DOCUMENT NO.
22559 – 110
SHEET
C3.01

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